Marias River Shale Continuous Oil
50270561

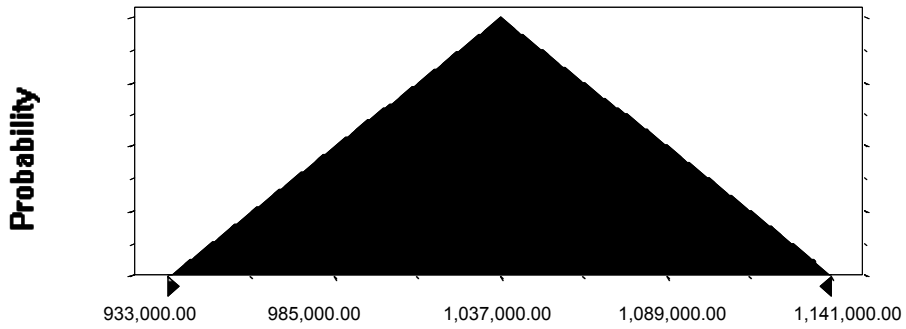
Geologic Probability = 1.0

Total Assessment-Unit Area (acres)

Triangular distribution with parameters:

Minimum	933,000.00
Median	1,037,000.00
Maximum	1,141,000.00

Selected range is from 933,000.00 to 1,141,000.00

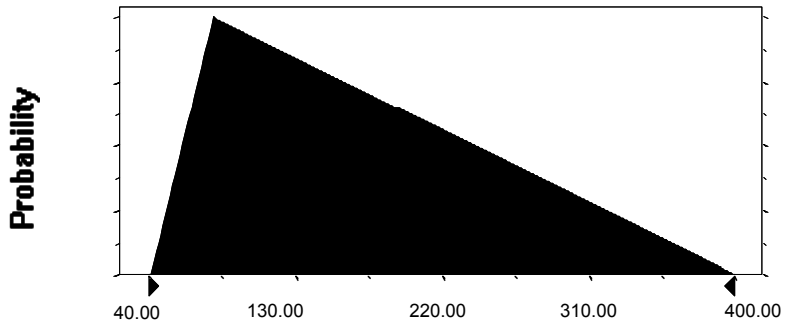


Area per Cell of Untested Cells (acres)

Triangular distribution with parameters:

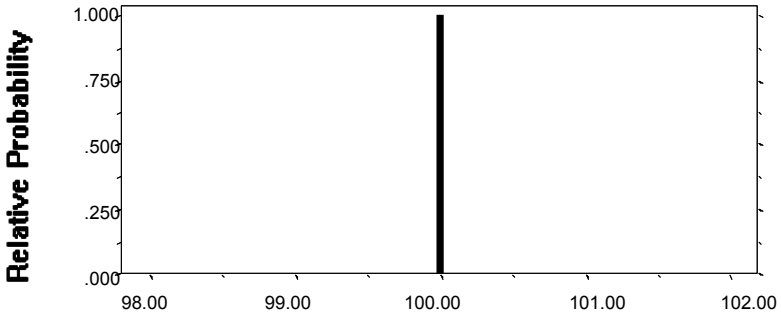
Minimum	40.00
Median	160.00
Maximum	400.00

Selected range is from 40.00 to 400.00



Percentage of Total Assessment-Unit Area That Is Untested

Custom distribution with parameters:		Relative Prob.
Single point	100.00	1.000000
Total Relative Probability		1.000000

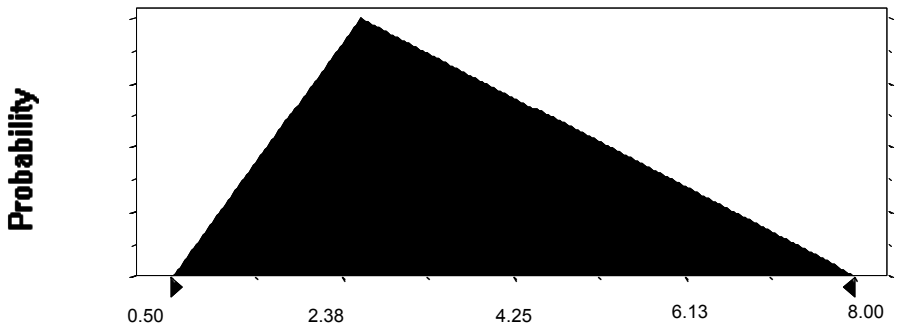


Percentage of Untested Assessment-Unit Area Having Potential

Triangular distribution with parameters:

Minimum	0.50
Median	3.50
Maximum	8.00

Selected range is from 0.50 to 8.00

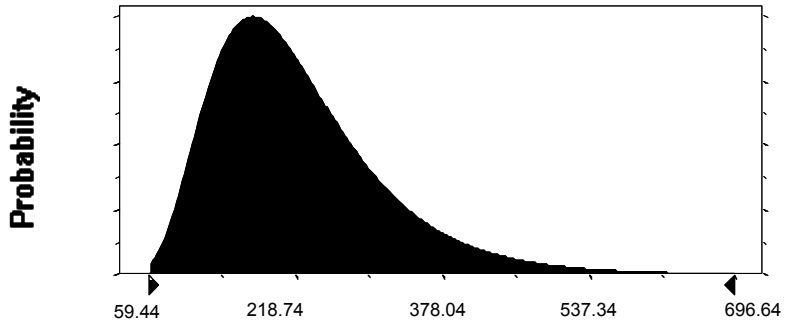


Number of Potential Untested Cells

Lognormal distribution with parameters:

Mean	221.36
Standard Dev.	94.76

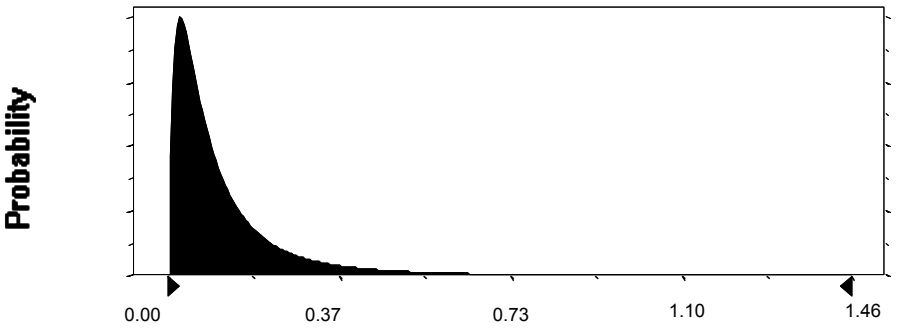
Selected range is from 0.00 to +Infinity



Total Recovery per Cell (MMBO)

Lognormal distribution with parameters:

Log Mean	-2.54
Log Std. Dev.	0.97
Minimum	0.001
Median	0.08
Maximum	1.60

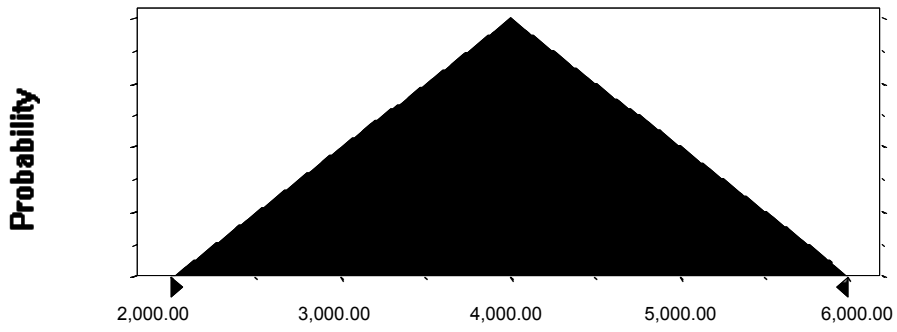


Gas/Oil Ratio (CFG/BO)

Triangular distribution with parameters:

Minimum	2,000.00
Median	4,000.00
Maximum	6,000.00

Selected range is from 2,000.00 to 6,000.00

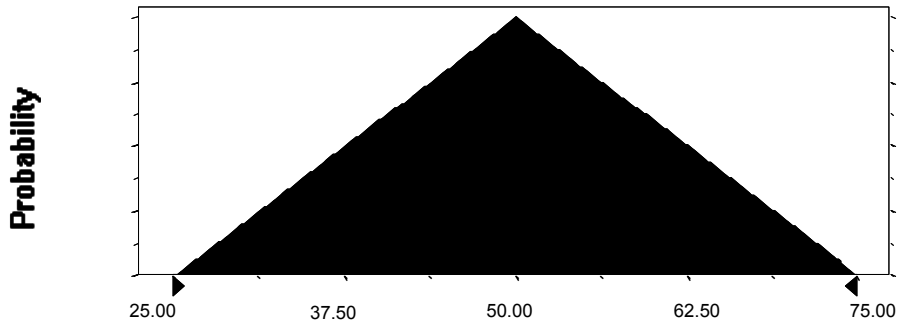


NGL/Gas Ratio (BNGL/MMCFG)

Triangular distribution with parameters:

Minimum	25.00
Median	50.00
Maximum	75.00

Selected range is from 25.00 to 75.00

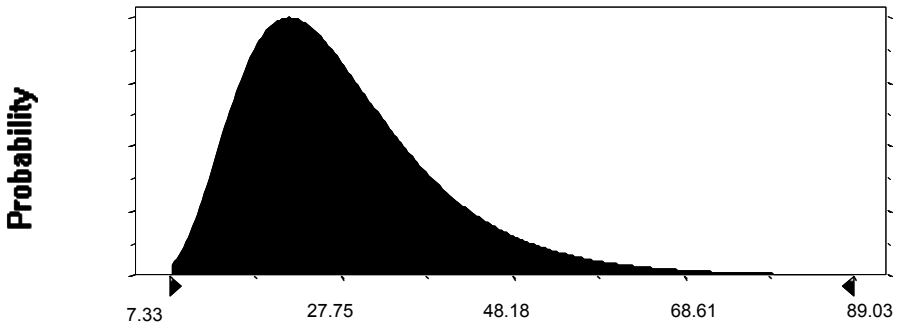


Oil in Oil Accumulations (MMBO)

Lognormal distribution with parameters:

Mean	27.85
Standard Dev.	12.11

Selected range is from 0.00 to +Infinity

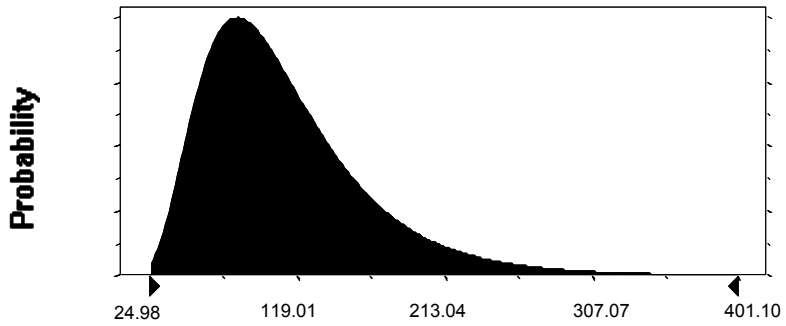


Gas in Oil Accumulations (BCFG)

Lognormal distribution with parameters:

Mean	111.41
Standard Dev.	54.43

Selected range is from 0.00 to +Infinity

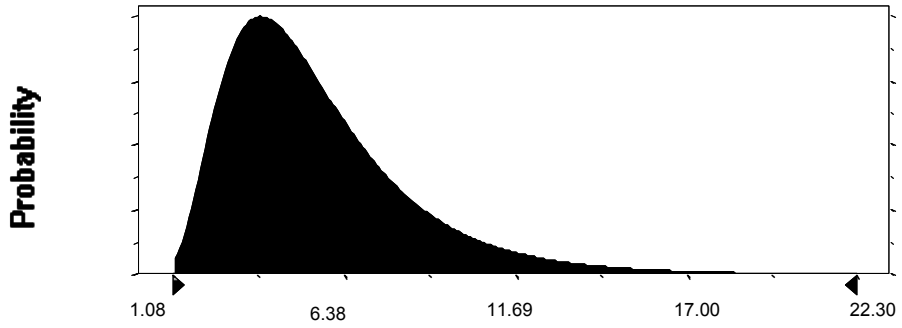


NGL in Oil Accumulations (MMBNGL)

Lognormal distribution with parameters:

Mean	5.57
Standard Dev.	3.00

Selected range is from 0.00 to +Infinity



End of Assumptions